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Walton, Jr. et al.

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[54]	POWER CONTROL IN A CDMA NETWORK			De Gaudenzi et al
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[57]

ABSTRACT

A means of power control on the reverse link of a CDMA network is disclosed. Specifically, the forward link from the base station to the subscriber unit is used to direct the subscriber unit to modify the output power radiated. The forward link consists of the forward packet data channel and the forward channel control channel. The forward packet data channel carriers the informational data to the subscriber unit, and the forward packet control channel includes carries of a power control setting. The forward channel is bi-phase modulated with the forward packet data channel transmitted in-phase and the forward packet control channel transmitted in quadrature.

1 Claim, 2 Drawing Sheets

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References Cited U.S. PATENT DOCUMENTS

5,103,459 4/1992 Gilhousen et al. 370/18

BASE PREPARES AND TRANSMITS PACKET DATA ON IN PHASE COMPONENT OF A QUADRATURE -CARRIER SIGNAL TO A MOBILE TRANSMITTER-RECEIVER

BASE PREPARES AND TRANSMITS PACKET DATA CONTROL INFOR-MATION ON THE QUADRATURE COMPONENT OF A QUADRATURE-CARRIER SIGNAL TO A MOBILE TRANSMITTER-RECEIVER